

430 Rec'd PCT/PTO 26 APR 1999

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| FORM PTO-1390<br>(REV 1-98)                                                                                                     |                                                | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE                                                                                                                                                                                   | ATTORNEY'S DOCKET NUMBER<br>3339-392                                                         |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371      |                                                |                                                                                                                                                                                                                                           | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br>09/254,032                             |
| INTERNATIONAL APPLICATION NO.<br>PCT/FR97/01541                                                                                 | INTERNATIONAL FILING DATE<br>SEPTEMBER 1, 1997 | PRIORITY DATE CLAIMED<br>AUGUST 30, 1996                                                                                                                                                                                                  |                                                                                              |
| TITLE OF INVENTION<br>ANTIGENS DERIVED FROM FILAGGRIN AND THEIR USE FOR DIAGNOSING RHEUMATOID POLYARTHRITIS                     |                                                |                                                                                                                                                                                                                                           |                                                                                              |
| APPLICANT(S) FOR DO/EO/US<br>GUY SERRE, ET AL.                                                                                  |                                                |                                                                                                                                                                                                                                           |                                                                                              |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |                                                |                                                                                                                                                                                                                                           |                                                                                              |
| 1.                                                                                                                              | <input type="checkbox"/>                       | This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.                                                                                                                                                       |                                                                                              |
| 2.                                                                                                                              | <input checked="" type="checkbox"/>            | This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.                                                                                                                                 |                                                                                              |
| 3.                                                                                                                              | <input type="checkbox"/>                       | This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l). |                                                                                              |
| 4.                                                                                                                              | <input type="checkbox"/>                       | A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.                                                                                                             |                                                                                              |
| 5.                                                                                                                              | <input type="checkbox"/>                       | A copy of the International Application as filed (35 U.S.C. 371(c)(2))                                                                                                                                                                    |                                                                                              |
|                                                                                                                                 | a.                                             | <input type="checkbox"/>                                                                                                                                                                                                                  | is transmitted herewith (required only if not transmitted by the International Bureau).      |
|                                                                                                                                 | b.                                             | <input type="checkbox"/>                                                                                                                                                                                                                  | has been transmitted by the International Bureau.                                            |
|                                                                                                                                 | c.                                             | <input type="checkbox"/>                                                                                                                                                                                                                  | is not required, as the application was filed in the United States Receiving Office (RO/US). |
| 6.                                                                                                                              | <input type="checkbox"/>                       | A translation of the International Application into English (35 U.S.C. 371(c)(2)).                                                                                                                                                        |                                                                                              |
| 7.                                                                                                                              | <input type="checkbox"/>                       | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))                                                                                                                                      |                                                                                              |
|                                                                                                                                 | a.                                             | <input type="checkbox"/>                                                                                                                                                                                                                  | are transmitted herewith (required only if not transmitted by the International Bureau).     |
|                                                                                                                                 | b.                                             | <input type="checkbox"/>                                                                                                                                                                                                                  | have been transmitted by the International Bureau.                                           |
|                                                                                                                                 | c.                                             | <input type="checkbox"/>                                                                                                                                                                                                                  | have not been made; however, the time limit for making such amendments has NOT expired.      |
|                                                                                                                                 | d.                                             | <input type="checkbox"/>                                                                                                                                                                                                                  | have not been made and will not be made.                                                     |
| 8.                                                                                                                              | <input type="checkbox"/>                       | A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).                                                                                                                                                 |                                                                                              |
| 9.                                                                                                                              | <input checked="" type="checkbox"/>            | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).                                                                                                                                                                          |                                                                                              |
| 10.                                                                                                                             | <input type="checkbox"/>                       | A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).                                                                                                              |                                                                                              |
| Items 11. To 16. Below concern other document(s) or information included:                                                       |                                                |                                                                                                                                                                                                                                           |                                                                                              |
| 11.                                                                                                                             | <input type="checkbox"/>                       | An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.                                                                                                                                                                        |                                                                                              |
| 12.                                                                                                                             | <input checked="" type="checkbox"/>            | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.                                                                                                                         |                                                                                              |
| 13.                                                                                                                             | <input type="checkbox"/>                       | A <b>FIRST</b> preliminary amendment.                                                                                                                                                                                                     |                                                                                              |
|                                                                                                                                 | <input type="checkbox"/>                       | A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.                                                                                                                                                                               |                                                                                              |
| 14.                                                                                                                             | <input type="checkbox"/>                       | A substitute specification.                                                                                                                                                                                                               |                                                                                              |
| 15.                                                                                                                             | <input type="checkbox"/>                       | A change of power of attorney and/or address letter.                                                                                                                                                                                      |                                                                                              |
| 16.                                                                                                                             | <input checked="" type="checkbox"/>            | Other items or information: English version of form PCT/IPEA/409                                                                                                                                                                          |                                                                                              |

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| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.50)<br><b>09/254,032</b> | INTERNATIONAL APPLICATION NO.<br>.PCT/FR97/01541 | ATTORNEY'S DOCKET NUMBER<br>3339-392 |
|--------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------|

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| 17. <input checked="" type="checkbox"/> The following fees are submitted:<br><br><b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b><br>Neither international preliminary examination fee (37 CFR 1.482) nor International search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO <span style="float: right;">\$970.00</span><br><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO <span style="float: right;">\$840.00</span><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search (37 CFR 1.445(a)(2)) paid to USPTO <span style="float: right;">\$760.00</span><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO <span style="float: right;">\$670.00</span><br>But all claims did not satisfy provisions of PCT Article 33(1)-(4) <span style="float: right;">\$ 96.00</span><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) <span style="float: right;">\$ 96.00</span><br><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT</b> <span style="float: right;">=</span> | <b>CALCULATIONS</b> | <b>PTO USE ONLY</b> |
| <b>\$</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |                     |

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| Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). |  | <b>\$ 130.00</b> |
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| CLAIMS                                                                                                                                                                                                        | NUMBER FILED | NUMBER EXTRA | RATE       |                       |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|------------|-----------------------|-----------|
| Total Claims                                                                                                                                                                                                  | 0 - 20 =     | 0            | X \$18.00  | \$ 0.00               |           |
| Independent Claims                                                                                                                                                                                            | 0 - 3 =      | 0            | X \$78.00  | \$ 0.00               |           |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)                                                                                                                                                                   |              |              | + \$260.00 | \$ 0.00               |           |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>                                                                                                                                                                          |              |              |            | <b>\$ 130.00</b>      |           |
| Reduction by 1/2 for filing by small entity, if applicable. A Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).                                                                       |              |              |            | <b>\$</b>             |           |
| <b>SUBTOTAL =</b>                                                                                                                                                                                             |              |              |            | <b>\$ 130.00</b>      |           |
| Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). |              |              |            | <b>\$ 0.00</b>        |           |
| <b>TOTAL NATIONAL FEE =</b>                                                                                                                                                                                   |              |              |            | <b>\$ 130.00</b>      |           |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +                               |              |              |            | <b>\$ 40.00</b>       |           |
| <b>TOTAL FEES ENCLOSED =</b>                                                                                                                                                                                  |              |              |            | <b>\$ 170.00</b>      |           |
|                                                                                                                                                                                                               |              |              |            | Amount to be Refunded | <b>\$</b> |
|                                                                                                                                                                                                               |              |              |            | Charged               | <b>\$</b> |


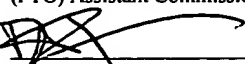
  

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| a. <input checked="" type="checkbox"/> A check in the amount of \$ 170.00 to cover the above fees is enclosed.<br><br>b. <input type="checkbox"/> Please charge my Deposit Account No. 16-0605 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.<br><br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 16-0605. A duplicate copy of this sheet is enclosed. |  |
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Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

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| SEND ALL CORRESPONDENCE TO:<br>Raymond O. Linker, Jr.<br><br>SIGNATURE<br>REGISTRATION NUMBER 26,419<br>ALSTON & BIRD LLP<br>Post Office Drawer 34009<br>Charlotte, NC 28234<br>Tel. Charlotte Office (704) 331-6000<br>Fax Charlotte Office (704) 334-2014 | "Express Mail" Mailing Label Number EL287623735US<br>Date of Deposit: April 26, 1999<br><br>I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX PCT, Attn: DO/US (PTO) Assistant Commissioner for Patents, Washington, DC 20231.<br><br>DENISE G. REAVES |
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